

V 2000-4 (D Ops)


Canadian Forces Headquarters
Ottawa 4, Ontario
March, 1968

The Commissioner
Royal Canadian Mounted Police
Ottawa 7, Ontario.

Attention: Inspector W.R. Pilkey

UNIDENTIFIED FLYING OBJECTS

1. Negotiations are underway for the transfer of UFO investigation from DND to NRC. As part and parcel of the transfer, DND will hand over to NRC all files and information on UFOs. Since many of your reports are of a confidential nature they have been removed from our main files.
2. Returned for your retention are all RCMP reports that have been received by D Ops since 1966. Appropriate representation will be made from NRC should information on a specific report be required at some future date.
3. The collection of, and possibly investigation into, UFO sightings will still be a function of DND and therefore, all DND messages on UFOs will be directed to CANFORCEHED and NRC, with the latter as the action addressee. RCMP UFO reports in future should be directed to NRC.


W.W. Turner
Colonel
for Chief of the Defence Staff

W. Bain, Major/2-2900/er

078

DEPARTMENT OF NATIONAL DEFENCE

MINUTE SHEET

SECURITY CLASSIFICATION

FILE NUMBER

TO

DATED

78 Feb 68

REFERENCE

REFERRED TO

REMARKS

(To be signed in full showing Appointment, Telephone Number and Date)

DG Ops

②
DGFs

f

FEB 29 1968

③

D Ops

in action

D Ops
1 Mar

For your information.
He shall now pass
along the relevant files.

Investigations will
continue to be by DND
(as necessary) and HRC
will do any follow-up
Scientific investigation.
Please return to me
for action.

[Signature]
D Ops

079

DEPARTMENT OF NATIONAL DEFENCE

MINUTE SHEET

SECURITY CLASSIFICATION

FILE NUMBER

TO

REFERENCE

DATED

REFERRED TO

REMARKS

(To be signed in full showing Appointment, Telephone Number and Date)

1. Copy

1. For D O P S Action PLS.

2. Note SA/VCS min ②

3. AS I UNDERSTAND, YOU WILL CONTINUE TO RECEIVE ALL REQUEST, BUT THEN WILL DECIDE WHETHER TO HOLD & INVESTIGATE, OR PASS TO NRC FOR ACTION

A. S. Henry

A. S. HENRY, MAJOR

SEC 14001

FEB 20 1968

2 4137

D O P S

1. suggest you will want to bring DG up to date on this.

K
H. W. KING
Major
SEC 00091

FEB 21 1968

080

CR/PA

PC 0005

V 2000-4

OGIS	REGISTRY
JAN 25 1968	
Referred to	E-288
Reg No	759

1775-1 (100)
J. Rouse 1110
1/27/68

J 68

②

On January 17th, 1968, my unit has processed
a copy of a photograph (on filtered by J. Robertson 1110)
which is a black and white photo of a person.
The person is wearing a dark jacket and a light shirt.
The photo is a close-up of the person's face.

The photograph is a black and white photo of a person.
The person is wearing a dark jacket and a light shirt.
The photo is a close-up of the person's face.
The person is looking directly at the camera.

The photograph is a black and white photo of a person.
The person is wearing a dark jacket and a light shirt.
The photo is a close-up of the person's face.
The person is looking directly at the camera.

1/27/68

Chauwen

(001 1000) 10
1000 1000 1000

1000 1000 1000

082

etc
~~CONFIDENTIAL~~
CLASSIFICATION CANCELLED

MEMORANDUM

BY AUTHORITY OF

ON

SIGNATURE

RANK

Classification cancelled / changed to *Unclassified*

By authority of *CH 128*

Date *14 Aug 83*

Signature *[Signature]*

Unit, Rank / Appointment *WFO / MAS / pma 3-4 2 2*

V 2000-4 Vol 5 (D Ops)

January, 1968

RMD

Attention: Mr Cardillo

TRANSFER UNIDENTIFIED FLYING OBJECT (UFO) FILES
FROM DND TO NATIONAL RESEARCH COUNCIL (NRC)

1. The DND has been advised that NRC is prepared to accept the responsibility for investigating UFO reports referred to governmental agencies.
2. In order to transfer this responsibility to NRC it will be necessary to transfer the UFO files held by the Director of Operations to this agency.
3. May this Directorate be advised as to what action is required to ensure the orderly transfer of these files to NRC.

[Signature]
W.W. Turner
Colonel
Director Operations

W Bain, S/L/2-2900/er

Classification cancelled / changed to *Unclassified*
By authority of *CH 128*
Date *14 Aug 83*
Signature *[Signature]*
Unit, Rank / Appointment *WFO / MAS / pma 3-4*

~~CONFIDENTIAL~~

087

207

T.D. NO. 7305

TEMPORARY DOCKET

INSTRUCTIONS

1. Temporary Dockets are to deal WITH ONE CASE ONLY.
2. T.D.'s NOT to be placed on main file UNLESS Central Registry informed by means of Form D.N.D. 710.
3. T.D. No. together with main file number to be quoted on all correspondence originated.

088

MEMORANDUM

V 1540-1050 TD 7305 (SA/VCDS)
V 2000-4

14 November, 1967.

EXECUTIVE ASSISTANT TO MND

UNIDENTIFIED FLYING OBJECTS
TRANSFER OF RESPONSIBILITIES TO
NATIONAL RESEARCH COUNCIL

1. Herewith is a suggested reply for the Minister's signature.

ORIGINAL SIGNED BY

M. F. WENTING

MAJOR

Defence Staff Secretariat

F. B. Caldwell

Commodore

Secretary Defence Staff

Dr. H. Sheffer
Dr. H. Sheffer
SA/VCDS
2-8472

A. S. Henry
A. S. HENRY, MAJOR

5-2-1024

NOV 10 1967

14137

089

Ottawa 4, Ontario

November, 1967

The Honourable G. M. Drury, PC, MP,
Minister of Industry,
Ottawa, Ontario.

My dear Colleagues:

I concur in the view, expressed in your letter of 23 October, 1967, that it is unnecessary and wasteful of effort to investigate all reported UFO sightings. However, there are examples of recent sightings that have caused considerable local public concern and therefore required investigation by a government agency.

Most frequently reported, are sightings of aerial phenomena which, in general, cannot be fruitfully investigated after the event. Occasionally, however, there are associated physical phenomena on the ground that require scientific investigation. As examples, reports of investigations into three recent occurrences in this category are attached.

As you say, a judicious sampling procedure is required. It is suggested that all reports of sightings be channeled to the National Research Council, where the decision on the necessity for scientific investigation would be made. It is agreed that participation of field units of other departments, including DND, would be required.

In order to proceed with the development of effective procedures, would you have an appropriate staff member of NRC contact Dr. H. Sheffer, Scientific Assistant to the Vice Chief of the Defence Staff.

Yours sincerely,

Attach. 3

090

UFO REPORT
CAMROSE, ALBERTA

②

② On August 8, 1967, a reported the finding of a number of circular impressions in a pasture in the vicinity of the town of Camrose, Alberta. An investigation was conducted by an officer from Canadian Forces Base, Edmonton, in the company of Dr. G.H. Jones, of the Defence Research Board Experimental Station at Suffield.

All the marks exhibited the same general appearance; a ring six inches in width, with diameter varying from slightly over 31 feet to 36 feet. No evidence of heat was evident, but a definite impression in the ground, which was soft from recent rains, indicated distinct pressure. Some slight evidence of movement in a radial manner along the marks was visible in that the grass had been pressed down in a definite direction.

No physical evidence that would lead to the conclusion of deliberate interference or involvement of any person was found, nor was there any trace of chemical or radio activity in the area.

092

UFO REPORT
LOWER WOOD HARBOR, N.S.

An RCMP Corporal and six other witnesses observed what they believed to be an unidentified flying object off the southwest coast of Nova Scotia, Canada on the 4th October 1967. The object was described as approximately 60 feet in length and was flying in an easterly direction when first sighted. During their observation, the UFO descended rapidly to the surface and made a "bright splash" as it struck the water. For some time after the impact a single white light remained on the surface. The RCMP Corporal endeavoured to reach the floating white object, but unfortunately, before he could reach the location the object sank. A search of the area failed to produce any material evidence which could assist in explaining or establishing the identity of the object. An underwater search conducted by divers from the Department of National Defence also failed to locate any tangible evidence which could be used to arrive at an explainable conclusion.

093

SECRET

1540-1050 to 7305 to ops,
1000-4 7013

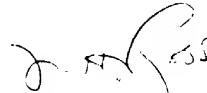
8 November, 1967

Scientific Assistant to Boss

1540-1050 to 7305 to ops

Reference: A. Letter 1540-1050 to 7305 to ops.

1. Concur with your proposal to channel all unidentified flying objects reports to the National Research Council for decision as to whether scientific investigation is required.
2. Attached, as requested, are summaries of recent investigations into these unidentified flying objects reports.



J. H. Boss
Lieutenant
Director General Operations

094

URGENT

67/ 1919

SEC V.C.D.S.

01 Nov 67

MINISTERIAL/PARLIAMENTARY INQUIRY

1. The attached Ministerial/~~PARLIAMENTARY~~ Inquiry will be treated as URGENT, (CFP 121(1) DND ADMINISTRATIVE AND STAFF PROCEDURES MANUAL, Vol 1, Article 1101 refers). Please give specific replies to all questions asked.

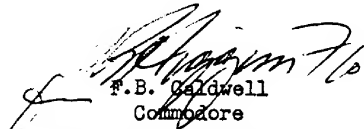
SUBJECT: UNIDENTIFIED FLYING OBJECTS
Transfer of Responsibilities to
National Research Council

2. REPLIES:

- a. A Final Reply is required in 3 copies (plus file/distribution copies), accompanied by this temporary docket, as soon as possible and not later than 1200hours 15 Nov 67.
- b. If it should become evident that it will not be possible to forward a Final Reply by the above time, an Interim Reply will be forwarded immediately with this TD. The date by which the final reply may be expected is also required.
- c. Replies are to be addressed to: EXECUTIVE ASSISTANT TO MND for the signature of the Secretary of the Defence Staff.

3. CLEARANCES: Final and Interim Replies will be cleared through the appropriate Head or Deputy Head of the Branch and initialled on the file copy.

095


F.B. Caldwell
Commodore
Secretary Defence Staff

MFV/2-5223
2-4972

146.11

DEPARTMENT OF NATIONAL DEFENCE
MINISTER'S OFFICE

1967 1919

October 31, 1967

Memorandum

TO: Secretary, Defence Staff	FROM: EA/MND
<p>ACTION REQUIRED: I am attaching a copy of a letter from the Hon. C. M. Drury referring to our proposal with regard to transfer of responsibility for investigation of UFOs to the National Research Council. Also attached is copy of Mr. Cadieux' acknowledgment, which is self-explanatory.</p> <p>Would you please forward a reply for the Minister's signature, to be available not later than November 15, 1967.</p> <p style="text-align: right;"><i>H.E.T. Doucet</i> H.E.T. Doucet Brigadier Executive Assistant</p> <p style="text-align: center;">096</p>	

Ottawa 4, October 31, 1967

The Honourable C. M. Drury, PC, MP,
Minister of Industry,
Ottawa, Ontario.

My dear Colleague:

I would like to acknowledge receipt of your letter of October 23 with regard to my proposal concerning the responsibility for investigation of Unidentified Flying Objects (UFOs).

I will be pleased to look into the alternative proposition which you have put forward and write you again in due course.

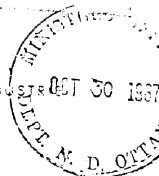
Yours sincerely,

097

MINISTER OF INDUSTRY



MINISTRE DE L'INDUSTRIE



OTTAWA, 23 October, 1967

The Honourable L. Cadieux, P.C., M.P.,
Minister of National Defence,
125 Elgin Street,
Ottawa, Ontario.

My dear Colleague,

I referred the proposal contained in your letter of 10 October, 1967, to the National Research Council, and the conclusions I have reached are substantially based on the scientific convictions now held in that organization.

In broad outline, the National Research Council is satisfied that good reasons have existed hitherto justifying a substantial effort devoted to the investigation of sightings of unidentified flying objects. The possibility of unexpected military innovations in or above the atmosphere has clearly existed ever since the last war, and the sensitivity of the civil population to the remarkable scientific progress in upper atmosphere and space research clearly required positive action by government agencies to preserve an equitable social context to such activities.

After some 15 years of publicity and of conditioning to the acceptance of natural explanations for unusual sightings, the public concern is considered to be no longer sufficiently cogent to warrant the investigation of large numbers of reported UFO sightings. Similarly, as you remark in your letter, the military concern has been almost entirely allayed by the extensive investigations made in the United States and Canada.

With the assumption that these two primary reasons for past investigational activity are no longer matters of serious import, we are left with the possibility that continued investigations may be of scientific value. This is indeed a possibility, but it is one that should preferably arise by the natural extension of scientific work in progress rather than by the intrusion of UFO phenomena seeking explanation.



RECEIVED
OCT 31 1967

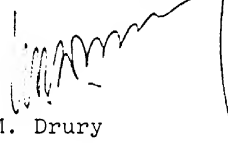
098



I am therefore led to conclude that your proposal to transfer the responsibility for UFO investigations might very well be made the occasion to consider a substantial reduction in the government effort, in fact to something rather akin to a judicious sampling procedure.

In the event that you feel disposed to accept this alternative proposition, I have no doubt that the National Research Council could undertake to provide the scientific input required. There is, however, necessity for participation by an agency or department which has personnel well distributed over the area of Canada, such as the RCMP, DoT, or DND. The National Research Council would be glad to consider arrangements which might be made with the Department of National Defence to set up an effective and relatively undemanding procedure.

Yours sincerely,

A handwritten signature in dark ink, appearing to read 'C. M. Drury', with a long, sweeping horizontal stroke extending to the right.

099

C. M. Drury

MEMORANDUM

12/8
V1540-1050 TO 7305 (C C VCDS)

V2000-4

1 November, 1967.

TO: *Daoff*

UNIDENTIFIED FLYING OBJECTS

TRANSFER OF INFORMATION FILES OF
NATIONAL RESEARCH COUNCIL

1. May the requested reply to the attached Ministerial/
~~XXXXXXXXXX~~ Inquiry be prepared and returned to the VCDS
Secretariat (A 2723) by 1200 hrs, 15 Nov 67 so that it
may be cleared for onward transmission to Secretary Defence Staff.
2. Your attention is directed to the instructions hereunder
and also CFB 121(1) Art 1101.

[Signature]
D.E. Samson
Commander
SEC VCDS
~~2-3072~~
2-3104

(A.S. Henry) Major
~~2-3072~~
2-4137

*E DRAFT letter (opposite)
was drawn up by
SA/VCDS.*

0100

*pls signify your concurrence
or otherwise to the proposal.*

[Signature]



Ottawa, Ontario,
October 10, 1967

The Honourable L.M. Rury,
Chairman,
Advisory Committee on
Scientific and Technical Research,
Macdonald Building,
123 Slater Street,
Ottawa, Ontario.

My dear colleague:

RECEIVED	INTELLIGENCE DIVISION
RECEIVED	INTELLIGENCE DIVISION
Reference	Sec 85-2
OCT 10 1967	
File No	2000-4
Chg'd. to	

A study conducted by Canadian Forces Headquarters (CFHQ) has recommended that consideration be given to transferring the responsibility for investigating unidentified flying objects (UFO) to the National Research Council where scientific research facilities and trained personnel are available for carrying out an objective investigation.

Reports of UFOs are referred to CFHQ for investigation and the following recommendations will be made to classify the information into one of two categories, namely:

~~Category One - Information which does not suggest the possibility of a threat to national security and~~

~~Category Two - Information which does not conform to the criteria for a threat to national security and fire-arms or other activity.~~

Reports which are classified under category one are forwarded to the National Research Council's Centre for Scientific Study.

Reports which are classified under category two are either placed on file and reported that no further action is required, or action is limited to consist of a formal investigation of the report by a military officer. The investigations conducted to date have failed to disclose any evidence which would suggest that UFOs pose a threat to national security. However, a number of investigations suggest the possibility of UFOs exhibiting some unique scientific information or advanced technology, which could possibly contribute to scientific or technical research. From information available on the activity.

0/0/

it would appear that the primary interest lies in the field of scientific and technical research and to a lesser degree to one that poses a threat to national security.

It may be of interest to note that in the early 1950s scientific committees were set up in both Canada and the United States, under the defence auspices, to investigate UFO reports. Following several years of study, both committees were able to explain all but a very small percentage of the many thousands of sighting reports made. The American committee concluded its investigation by stating, "that the evidence presented on UFOs shows no indication that these phenomena constitute a direct physical threat to national security". Although not formally stated, the Canadian committee arrived at the same conclusions.

The increasing number of UFO reports being referred to official agencies is a clear indication that the general public is becoming more interested in unusual aerial objects which can be neither identified nor explained and are turning to governmental agencies for information. Recently, and probably due to the increasing concern of the general public, the United States Air Force has selected the University of Colorado, under the direction of Dr. P.S. London, physics professor, to conduct an independent investigation into UFOs. Many private citizens, many of whom are exceptionally well qualified, are either carrying out personal and independent research studies on UFOs, or are taking part in exhibitions established for this purpose. Therefore, it would be advisable that a governmental scientific agency outside of the Department of National Defence be requested to undertake the investigation of UFOs.

Should a National Research Council would be prepared to accept the responsibility for investigating UFOs, the Department of National Defence would provide such assistance as may be mutually agreed with the understanding that DND would be kept advised on matters of significant importance which would suggest a threat to national security.

Would you please consider the foregoing proposal and let me have your comments in due course.

Yours sincerely,
ORIGINAL SIGNED
L. CADIEUX

102
c.c. CBS

MEMORANDUM

V 2000-4 (D 658)


6 October, 1967

Sec Ds

UFG REPORT

LOWER HOOK BARBERS NS

1. On 04 October 1967 at 2345 hours local and six other witnesses sighted ⁽²⁾ a large flying object. This object, in the time interval of approximately five minutes, flew down to the water surface, floated and sank.
2. The flying object was described as being in excess of 60 feet in diameter and carried four white lights spaced horizontally at a distance of 15 feet. The object, flying in an easterly direction when first sighted, descended rapidly to the water and produced a bright flash on impact. One light remained on the surface for considerable time but sank before a boat could reach it.
3. The Rescue Co-ordination Centre conducted preliminary investigation and discounted the possibilities that the sighting was produced by an aircraft, flares, floats, or any other known objects.
4. Maritime Command were asked, on 05 Oct, to conduct an investigation into the sighting. At the present time one Officer and a diving team of three men are on the scene aided by Coast Guard Cutter 101.


W. H. Turner
Colonel
Director Operations

W. Bain O/L
2-2900

late + still
copy given to Mr. Grant
and distribution made
through [unclear] [unclear]
[unclear] [unclear]

D SEC Ds [unclear]

25223 2-1067

103

MEMORANDUM

V 2000-4, Vol 2 (D Ops)

2/ September, 1967.

SA/VCDS

UNIDENTIFIED FLYING OBJECTS (UFOs) - INVESTIGATION

References: A. Paper prepared by the Director of Operations on UFOs.
B. Suggested memorandum addressed to National Research Council (NRC) for MND signature.

1. Reference A deals with a paper on UFOs prepared by the Director of Operations which recommends that NRC be requested to accept the responsibility for investigating UFOs.
2. It has become apparent that CPMQ have neither the scientific facilities nor the trained personnel to carry out an objective investigation into UFO reports. Investigation by many interested agencies in both the United States and Canada have failed to produce any evidence to suggest UFOs pose a threat to national security. However, it is apparent that a number of UFO investigations exhibit unique scientific or advanced technology which could possibly contribute to scientific or technical research. It would, therefore, appear that the primary interest of UFO investigations lies in the field of scientific research and advanced technology and to a much lesser degree to one associated with national security.
3. It is appreciated, should NRC be agreeable to accepting the responsibility for investigating UFO reports, that DND would be required to provide assistance to NRC in such areas as field investigation. However, assistance provided to NRC would be with the understanding that NRC would advise CPMQ on any matter which would suggest an interest to national defence.
4. In view of the world wide interest in UFOs being stimulated by many prominent personnel, universities and civilian organizations established for the purpose of investigating UFO reports, it is deemed advisable for DND to initiate action to place the responsibility for investigating these reports with the appropriate governmental agency of primary interest.
5. At flyleaf are suggested memorandums addressed to NRC and MND for signature.

Orig. Ltr. by Col. L. H. Huchan

N.H. Ross
Brigadier
Director General Operations

112
W/C D.F. Robertson/2-5427/md

Dist
Circ. File

104

MESSAGE FORM

L2000-4 (DACS)

FOR CO SIGNALS USE

FILE NUMBER

PRECEDENCE - ACTION PRIORITY		PRECEDENCE - INFO DEFERRED		DATE - TIME GROUP 151915Z June 67		MESSAGE INSTRUCTIONS	
FROM	CANFORCEHED					PREFIX	
TO	CANFORCEHED					GR	
INFO	METEOR CENTER NATIONAL RESEARCH CENTER, OTTAWA 2, ONT FOR CPCC, FIREBALL AND METEORITE OBSERVATIONS 1. 15 JUN 67 0145Z 2. CLEAR 3. (2) 4. SINGLE LARGE WHITE OBJECT WHEN FIRST SIGHTED IN NORTHERN SKY APPEARED TO BREAK INTO 3 PIECES OVERHEAD 5. VERY BRIGHT - LIKE MAGNESIUM FLARE IN NORTHERN SKY 6. WHITE IN NORTH - BLUE-GREEN OVERHEAD AND THEN REDDISH 7. TEAR DROP SHAPE - LARGER THAN STAR 8. 5 TO 6 SEC TRAJECTORY NORTH TO SOUTH 9. NIL					SECURITY CLASSIFICATION UNCLAS	
						ORIGINATOR'S NUMBER DACS 2807	
PAGE 1 OF 2 PAGES		REFERS TO MESSAGE		DRAFTER'S NAME		OFFICE TEL	
		CLASSIFIED YES <input type="checkbox"/> NO <input type="checkbox"/>					
FOR OPR'S USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE
							TIME
							SYSTEM
							OPERATOR
RELEASING OFFICER'S SIGNATURE							

DND 903
7530-21-502-1556

COPY 2

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1094
11540-1050 TDH
MEMORANDUM

V 2000-4 Vol 2 (D Ops)

22 September, 1967.

The Minister

UNIDENTIFIED FLYING OBJECTS (UFOs) - INVESTIGATIONS

References: A. Paper prepared by the Director of Operations on UFOs.

B. Suggested memorandum addressed to National Research Council (NRC) for MND signature.

1. Reference A deals with a paper on UFOs prepared by the Director of Operations which recommends that the National Research Council (NRC) be approached with the view of accepting the responsibility for investigating UFO reports.

2. The investigations conducted by CPHQ into UFO reports disclose no evidence to suggest that UFOs pose a threat to national security. However, a number of investigations indicate that UFOs may exhibit some unique scientific or advanced technology which could possibly contribute to scientific or technical research. From information available on UFO activity it would appear that the primary interest lies in the field of scientific and technical research and to a lesser degree to one which poses a threat to national security.

3. The number of UFO reports being referred to this Headquarters for investigation has continued to increase. Although every attempt has been made to arrive at a satisfactory conclusion it is evident that NRC with their scientific facilities and trained personnel would be the most logical governmental agency to undertake these investigations.

5. It is appreciated that DND would be required to provide assistance to NRC in such areas as carrying out field investigation in support of these investigations. As DND would be vitally concerned if scientific investigations should produce evidence to suggest UFOs pose a threat to national security, it would be necessary to co-operate with NRC in a spirit of mutual understanding to ensure our respective interests.

6. Reference B is a suggested memorandum addressed to The Honourable C.M. Drury for your signature.

J.V. Allard
General
Chief of the Defence Staff

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J.V. Allard 11540-1050 TDH

Ottawa 4, Ontario
September, 1967

The Honourable C.M. Brury
Chairman
Advisory Committee on
Scientific and Industrial Research
MacDonald Building
123 Slater Street
Ottawa, Ontario.

My dear Colleagues:

UNIDENTIFIED FLYING OBJECTS (UFOs) - INVESTIGATIONS

A study conducted by this Headquarters has recommended that consideration be given to transferring the responsibility for investigating UFOs to the National Research Council where scientific research facilities and trained personnel are available for carrying out an objective investigation.

UFO reports which are referred to this Headquarters for investigation are studied by the Operations Staff who endeavour to classify the information into one of two categories, namely:

Category one - Information which would suggest the type of phenomena associated with fireballs and meteorites, or

Category two - Information which does not conform to the physical patterns usually associated with fireballs or meteorite activity.

Reports which are classified under category one are forwarded to the National Research Council Meteorite Centre for scientific study.

Reports which are classified under category two are either placed on file and annotated that no further action is required, or action is initiated to conduct a formal investigation of the report by a military officer. The investigations conducted to date have failed to disclose any evidence which would suggest that UFOs pose a threat to national security. However, a number of investigations suggest the possibility of UFOs exhibiting some unique scientific information or advanced technology which could possibly contribute to scientific or technical research. From information available on UFO activity it would appear that the primary interest lies in the field of scientific and technical research and to a lesser degree to one that poses a threat to national security.

.../2

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